



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
P0041951	ACI001-VC	1	1	Net 30	M304S16GA	304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240				192	12/7/2018	192		S136471	Stock	12/10/2018	\$ 7.72 / sf	0		\$1,481.47	Acier Ouellette Inc.	
		2			M6061T6S.063	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				96		96		S136472	Stock	12/10/2018	\$ 3.30 / sf	0		\$316.53	Acier Ouellette Inc.	
		3			M6061T6B0.375X8.000	6061T6 Bar 0.375 X 8.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12		12		S136473	Stock	12/10/2018	\$ 10.79 / ft	0		\$129.53	Acier Ouellette Inc.	
		4			M6061T6B1.250X1.500	6061-T6 Bar 1.250 X 1.500 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12		S136474	Stock	12/10/2018	\$ 6.63 / ft	0		\$79.56	Acier Ouellette Inc.	
										Total:	312		312								\$1,507.64	



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO041951**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO041951

**PO Date:** 12/5/18

**Due Date:** 12/7/18

**Purchase Order**  
**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
**DEC 06 2018**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTATION NO. SOU015037 SKID CHARGE  
40.00\$

## Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M304S16GA		304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	-	12/7/18	192 sf	0 sf	192 sf	\$7.716/sf	\$1,481.47
2		M6061T6S.063		6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	-	12/7/18	96 sf	0 sf	96 sf	\$3.2971875/sf	\$316.53
3		M6061T6B0.375X8.000		6061T6 Bar 0.375 X 8.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	12/7/18	12 ft	0 ft	12 ft	\$10.794166/ft	\$129.53



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO041951**

## **Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M6061T6B1.250X1.500		6061-T6 Bar 1.250 X 1.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	12/7/18	12 ft	0 ft	12 ft	\$6.63/ft	\$79.56

12/5/18 DEC 10 2018

**Grand Total: \$2,007.09**

## **Order Notes**

### **Procurement Quality Clauses**

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 12/5/18 11:30 AM dart.lavoie.chantal



# ACIER OUELLETTE INC.

935, Boul. du H vre  
Salaberry de Valleyfield (Qu bec) J6S 5L1  
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## Quotation

SOU0150370

### Billed to

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE T l.: 613-632-5200

**Customer N ** CLI0001056  
**Date** 2018/12/04  
**Revision N ** 0  
**Prices valid until** 2018/12/11  
**Your Order N ** EMAIL  
**Processed by** Elodie Viaud  
**Salesman** ELODIE  
**Carrier** OUELLE SDV  
**Credit Terms** Net 30 Days  
**Page** 1

Product N� and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 X 4' X 8' STOCK	504.00	192.00 PI2_\$CLB	6.00 UN		6.00	246.918	1 481.51
ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 3 X 4' X 8' STOCK	86.50	96.00 PI2_\$CLB	3.00 UN		3.00	105.510	316.53
SKID ( 4 X 8 ) SK-48 10048	0.00	1.00 UN_\$UN	1.00 UN_\$UN	40.00			40.00
FLAT ALU 3/8 X 8 6061-T6 * FAL-388 2629 1 X 12' STOCK	42.34	12.00 PI_\$CLB	12.00 PI		1.00	129.530	129.53
FLAT ALU 1 1/4 X 1 1/2 6061-T6 * FAL-114112 2452 1 X 12' STOCK	26.44	12.00 PI_\$CLB	12.00 PI		1.00	79.560	79.56
FUEL CHARGE FRAIS_ENERGETIQUE NOTE : ATTENTION: MILL TEST REQUIS			\$				3.95

**Total Weight (Lbs)** 659.28

### Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices and international importation fees.

This offer is subject to credit approval.

Approved and Accepted by :

Date :

### Sub-total

2 051.08

TVH-13   266.64

### Total (\$CAD)

2 317.72



**ACTIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**DELIVERY - CLIENT**

**Copy**

CO00124103

**Billed to**

DART AEROSPACE LTD

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

**Instruction** F-M

**Delivery Route** 5

**Customer N°** CLI0001056  
**Date** 2018/12/06  
**Delivery date** **2018/12/07**  
**Your order N°** PO041951  
**Processed by** Elodie Viaud  
**Salesman** ELODIE VIAUD  
**Carrier** OUELLETTE VALLEYFIELD  
**Credit Terme** Net 30 Days

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 X 4' X 8' STOCK Heat : YUT87108	504.00	192.00	PI2_\$CLB		6 X 4'						
2 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 3 X 4' X 8' STOCK Heat : 01/0072091/5	86.50	96.00	PI2_\$CLB		3 X 4'						
3 SKID ( 4 X 8 ) SK-48 10048		1.00	UN_\$UN		1 X						
4 FLAT ALU 3/8 X 8 6061-T6 * FAL-388 2629 1 X 12' STOCK Heat : 16030232B	42.34	12.00	PI_\$CLB		1 X 12'						
5 FLAT ALU 1 1/4 X 1 1/2 6061-T6 * FAL-114112 2452 1 X 12' STOCK Heat : 17025431A	26.44	12.00	PI_\$CLB		1 X 12'						

Note : ATTENTION: MILL TEST REQUIS

**Note :** ATTENTION: MILL TEST REQUIS



# DELIVERY - CLIENT

CO00124103

Product Description	Qty	Weight	UM	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
<b>Conditions :</b> All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.				<b>Total Weight (Lbs) :</b> 659.28						
				NIR : R-109516-6						
Prepared By :	Verified By :	Delivered By :	Time	Y				M	D	Date
Customer's Signature										



3419

FESS-16G483042B

52676

00V-51796

21622



C/O NO 6, E-DA RD., YANCHAO DIST.,  
KAOHSUNG CITY, TAIWAN, 82445

## MILL TEST CERTIFICATE

Customer:

Steel Grade: AISI 304L

Date: 2018/07/05

Invoice No.: SQCAEW8501TE6

Surface Finish: 2B

Page: P02/P02

Goods: STAINLESS STEEL COLD ROLLED SHEETS

Specification: ASTM A240/A480

Certificate No.: PTTW028510TE6

Product ID	Chemical Composition (%)										Mechanical Properties					
	C	Si	Mn	P	S	Ni	Cr	N	Tensile Test			Hardness Test				
									Y.S. (Mpa)	T.S. (Mpa)	EL (%)	HRB	HV			
75S42322B-11	0.027	0.360	0.880	0.033	0.003	8.09	18.06	0.034				301	717	48.0	86	175
75S42322B-12	0.027	0.360	0.880	0.033	0.003	8.09	18.06	0.034				301	717	48.0	86	175
75S43214A-21	0.022	0.360	1.030	0.038	0.003	8.02	18.03	0.048				303	636	52.0	84	167
75S43214A-22	0.022	0.360	1.030	0.038	0.003	8.02	18.03	0.048				303	636	52.0	84	167
75S43214A-23	0.022	0.360	1.030	0.038	0.003	8.02	18.03	0.048				303	636	52.0	84	167
75S43214A-24	0.022	0.360	1.030	0.038	0.003	8.02	18.03	0.048				303	636	52.0	84	167
75S87502B-4	0.021	0.400	1.370	0.027	0.002	8.05	18.18	0.050				294	665	53.0	84	167
75S87502B-5	0.021	0.400	1.370	0.027	0.002	8.05	18.18	0.050				294	665	53.0	84	167
75S42264B-21	0.022	0.360	1.020	0.030	0.004	8.14	18.19	0.038				295	697	47.0	83	165
75S42264B-22	0.022	0.360	1.020	0.030	0.004	8.14	18.19	0.038				295	697	47.0	83	165
Product ID	Heat No.	SPEC SIZE					PCS		Remarks							
75S42322B-11	YU280004	12GA X 60" X 120"					12		REFERRING TO ASTM SPEC							
75S42322B-12	YU280004	12GA X 60" X 120"					12		PO NUMBER:18-P-236							
75S43214A-21	YU280104	14GA X 48" X 96"					26		LC NUMBER:DC HMN812167							
75S43214A-22	YU280104	14GA X 48" X 96"					26		OBL NUMBER:KHHMTRJ7806							
75S43214A-23	YU280104	14GA X 48" X 120"					20		CONTAINER NUMBER:HLBU1783414							
75S43214A-24	YU280104	14GA X 48" X 120"					20		COUNTRY OF ORIGIN: TAIWAN							
75S87502B-4	LZ24LA10	14GA X 60" X 120"					17		MADE IN TAIWAN							
75S87502B-5	LZ24LA10	14GA X 60" X 120"					17		YIEH CORPORATION LIMITED							
75S42264B-21	YU187108	16GA X 48" X 96"					35									
75S42264B-22	YU187108	16GA X 48" X 96"					35									
		All total					360		K.C.W.							

We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

Reat: YU187108

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET  
ANNHEATED

SPECIFICATION:

MIL-S-5059  
OR AMS 5513 (304)  
OR AMS 5524 (316)  
OR ASTM A240  
OR ASME SA240

FINISH:

FINISH  
UNPOLISHED No. 1  
UNPOLISHED No. 2D  
UNPOLISHED No. 2B  
POLISHED No. 3  
POLISHED No. 4  
BUFFED No. 6  
BUFFED No. 7  
BUFFED No. 8

PART NUMBER:

M304S TT GA #P  
GA

WHERE "TT" = GAUGE THICKNESS  
WHERE "P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA  
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED  
2015 FEB 04  
ECN 15-172 q'

REV.	DESCRIPTION	DATE
D	ADDED GAUGES 0-7	15 01 06
C	DEFINED FINISH OPTION (ZN CR) AND EXAMPLE OF MATERIAL FIN WITH FINISH OTHER THAN 2B (ZN 85)	MB 17 09 20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE RET. (C8-1), REF PAR 08-020A	CP 09 06 01
A	NEW ISSUE	DS 01 09 24
DESIGN	DS	DATE
DRAWN	AJS	
CHECKED		
MFG. APPR.	M304S	
APPROVED		
DE APPR.		
DATE	15 01 06	
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWING NO. M304S		
SHEET 1 OF 1		
TITLE 304/316 SS SHEET		
SCALE NTS		
COPYRIGHT © 2001 BY DART AEROSPACE LTD		



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S16 GA  
 DATE: 18/12/11

PO / BATCH NO.: P0041951/S136471

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 1925f  
 QUANTITY INSPECTED: 1925f  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063"  
 THICKNESS RECEIVED: .058"  
 SHEET SIZE ORDERED: 4'x8'  
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N	<u>ASTM A240</u>
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	<u>H1-Y0187108</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> DATE: <u>18/12/11</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

3175.

FEAL-064486061

TRA-2796

51115

2P

AMAG

Abnahmeprüfzeugnis 3.1 (EN 10204)  
Inspection certificate - mill certificateNr.: 85150377 01/4  
Rev.: 0Seite / page: 1 von 2  
Datum / date: 2015 11 10

Zertifiziert nach / certified in ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer:	Bestell Nr. / order no.:	C 70532
	Datum / date:	2015 05 20
	Auftragsbest. Nr. / order confirm no.:	693391
	Datum / date:	2015 05 21
Warenempfänger / consignee:	Lieferschein Nr. / delivery note:	85150377
	Datum / date:	2015 11 30

Produkt / product	Bedingungen / terms
Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: T6 Dim. / dim.: [inch]: 0,063x48,00x96,00	Technische Lieferbedingungen / techn. spec.: AMS-QQ-A-250/11, 08.1987 ASTM B 209 - 14 AMS 4027N, 07.2008 Cessna CMMP019, Rev. D. 09-07-01 Cessna CMMP025, Rev. V. 2-20-15 Sondervorschrift / special terms:

AB-Pos. ord.-item.	BNr/Los/Tailles Lot/No./Part	Guss-Nr. cast no.	Werkstoff material	Kello pack no.	Gewicht netto weight net	Stk. pcd.
06	61011/01/00	01/0072091/5	6061	6933910027	2409,612 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910028	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910029	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910030	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910031	2416,226 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910032	2416,226 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910033	1560,847 lbs	55

Chemische Zusammensetzung (in %) / Chemical composition (in % weight proportion (OES))											
Guss-Nr. / cast no.	material	Si	P	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
01/0072091/5	6061										
	spec. min.	0.40	-	0.15	-	0.80	0.04	-	-	-	-
	spec. max.	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.05	0.15
	actual	0.66	0.44	0.24	0.12	0.88	0.18	0.06	0.03	0.02	0.03

Zugprüfung LT / tensile test LT							
BNr/Los	Zustand	Richtung	Tests	UTS	YS	AZ	
Lot/No.	temper	direction		[ksi]	[ksi]	[%]	
			spec. min.	42,0	35,0	10	
			spec. max.	-	-	-	
61011/01	T6	LT	8	from	48,6	42,4	13
61011/01	T6	LT		to	49,0	42,9	15

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich - [www.amag.at](http://www.amag.at)  
AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria - [www.amag.at](http://www.amag.at)

heat: 01/0072091/5



**Abnahmeprüfzeugnis 3.1 (EN 10204)**  
**Inspection certificate - mill certificate**

Nr.: 85150377      01 / 4  
Rev.: 0  
Seite / page:      2 von / of 2  
Datum / date:      2015 11 10

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

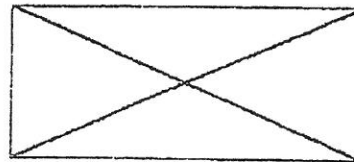
<b>Sonstige Prüfungen / other tests:</b>
Biegeversuch: OK. / Transverse bend test: OK.
Maßkontrolle: OK. / Dimensional Check: OK.
Oberfläche: OK. / Surface inspection: OK.
<b>Bemerkungen / notes:</b>
Die Dimensionstoleranzen entsprechen ANSI XXX / As standard, dimensional tolerances are to ANSI XXX

Ausgestellt nach Airbus Zulassung Nr. 30272.  
Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.  
Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUKSA/001-3.  
Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771  
Agusta Westland Genehmigung Lieferantenummer V21275  
Issued under Airbus Approval No. 30272.  
Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.  
Order relevant thereto The Quality Management System arrangements in respect of these supplies comply with the requirements of AUKSA/001-3.  
Manufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771  
Agusta Westland approval supplier code V21275

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.  
We hereby certify that the material described above has been tested and complies with the terms of the order contract.

<b>Werkstattsvorstand / factory specialist:</b>	<b>E-Mail / e-mail:</b>
Klampfer Josef	josef.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.  
Maschine erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.





SPECIFICATION CONTROL DRAWING

△ C PURCHASE MATERIAL: 6061-T62T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR 4027  
OR ASTM B209

△ C PART NUMBER: M6061T6S XXX X W.WWW  
THK WIDTH

WHERE "XXX" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG: 0.063" THICK SHEET = M6061T6S.063  
EG: 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.500X3.500

△ C PREFERRED SIZE: XXX BY 4FT BY 8FT FOR SHEET

RELEASED  
2019 MAR 13  
EJS 18-606

APPROVED

C	ADD PLATE AND T651 SPEC	ML	17 12 13
B	REFORMAT DWG. ADD B209 SPEC (ZN D8-1).	CP	09 07 13
A	NEW ISSUE	RF	01 06 08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	ML		
CHECKED	NO		
MFG. APPR.	JFS		
APPROVED	HS		
DE APPR.	CP		
DATE	17.12.13		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	M6061T6S
SHEET 1 OF 1	SCALE
TITLE	6061-T6 SHEET/PLATE SPEC
NTS	
COPYRIGHT © 2004 BY DART AEROSPACE LTD	

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061765.063

PO / BATCH NO.: P0041951/S136472

DATE: 18/12/11

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: .063"

QUANTITY RECEIVED: 96sf

THICKNESS RECEIVED: .063"

QUANTITY INSPECTED: 96sf

SHEET SIZE ORDERED: 4'x8'

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N	ASTM B209
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	MT.01/0072091/5
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> <u>9-89</u> DATE: <u>18/12/11</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



2029

FAL-388

TRA 2507

50695

**MILL TEST**

BILL TO	CERT CODE: 1	DIENUMBER S	DATE OF SHIPMENT Oct/13/2016
SHIP TO	CUSTOMER PO 100664	ALLOY 6061	SALESMAN HOUSE ACCOUNTS
SO DESCRIPTION	CUSTOMER PART NUMBER DT12569	TEMPER T6	
Flat Bar 8"x 3/8"		PART DESCRIPTION Flat Bar 8"x 3/8"	

ORDER NO. 197683 — 5 MANIFEST NO. 358425

MADE IN CANADA

CERTIFICATION MILL TEST ASTM B221-14

**Mechanical Properties**

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Oct/06/2016	44.00	41.40	20.50	89.2,89.8,90.6	

**Chemical Composition**

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Co	Al	Other
16030232B	A.11	6061	0.53	0.18	0.22	0.03	0.8	0.08	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale  
Quality Control Manager

heat: 16030232B

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WW.WWWW |  
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES  
"WW.WWWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

**RELEASED**  
R 2009-09-03  
MAD

B		REMOVE QQ-A-200/11 OPTION REFORMAT NOTIS. ADD ASTM B211/B221 (ZND7-1)		CP	09 07 13
A		NEW ISSUE		DS	01 06 08
REV.		DESCRIPTION		RY	DATE
DESIGN	DS	DART AEROSPACE LTD			
DRAWN	DS	HAWKESBURY, ONTARIO, CANADA			
CHECKED	ALS	DRAWING NO.	REV B		
MFG APPR.	MAD	M6061T6B	SHEET 1 OF 1		
APPROVED	MAD	TITLE	SCALE		
DE APPR.	MAD	6061-T6 BAR	NTS		
DATE	09.07.13	COPYRIGHT © 2001 BY DART AEROSPACE LTD.			

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B0.375x8.000

PO / BATCH NO.: P0041951/S136473

DATE: 18/12/11

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 0.375"

QUANTITY RECEIVED: 12 ft

THICKNESS RECEIVED: 0.375"

QUANTITY INSPECTED: 12 ft

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> N	ASPM B221
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	MT: 16030232B
CORRECT MATERIAL IDENTIFICATION	Y N	
CORRECT M# ON THE MATERIAL	Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> DATE: <u>18/12/11</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# 2452

TEA-2266

FAL-114/12

50089

**MILL TEST**

CERT CODE: 1		DIENUMBER S	DATE OF SHIPMENT Feb/16/2017	ORDER NO. 202525	MANIFEST NO. 365507
CUSTOMER PO 103226	ALLOY 6061	TEMPER T6	SALESMAN HOUSE ACCOUNTS	MADE IN CANADA	
CUSTOMER PART NUMBER DT04676	PART DESCRIPTION FLAT BAR 1-1/2" X 1-1/4" SQ		CERTIFICATION MILL TEST ASTM B221-14		

**Mechanical Properties**

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Feb/16/2017	43.40	39.20	18.80	89.3,89.4,89.5	

**Chemical Composition**

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
17025431A	A.11	6061	0.55	0.17	0.2	0.01	0.8	0.08	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale  
Quality Control Manager

Heat: 17025431A

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
 SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
 OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B T.TT X WW WWW  
 THICK WIDTH

WHERE "T.TT" = THICKNESS IN INCHES  
 "WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED  
 2009-05-03

B		REMOVE QQ-A-250/11 OPTION REFORMAT NOTE'S ADD ASTM B211B21 (Zn D7-1)		CP	09 07 13
A		NEW ISSUE		DS	01 06 08
REV		DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD		REV B	
DRAWN	DS	HAWKESBURY, ONTARIO, CANADA		DRAWING NO	
CHECKED	DS	M6061T6B		SHEET 1 OF 1	
MFG. APPR.	DS	6061-T6 BAR		SCALE	
APPROVED	DS	DATE 09.07.13		NTS	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-768 1.250 x 1.500

PO / BATCH NO.: P0041951/5136471

DATE: 10/12/11

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.250"

QUANTITY RECEIVED: 12ft

THICKNESS RECEIVED: 1.250"

QUANTITY INSPECTED: 12ft

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM B221
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	HT-17025431A
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____	SIGNED OFF BY: _____
DATE: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in